August 14, 1979

State of Michigan
Dept. of Natural Resources
Water Quality Division
Pte. Mouille State Game Area
RFD #2
Rockwood, Michigan 48173

Attention: Ms. Terese E. Dougherty
State Permit Compliance Unit

Dear Ms. Dougherty:

We have received your letter dated July 18, 1979, and will comply with the requests stated therein.

At the present time all indications are that the complete plant water recycling system will be fully operational within the next 60 days; that is by October 15, 1979.

Hi-Mill Will send written confirmation to you when the total recycle system is completed and sucessfully operational.

Hi-Mill will send to you at the same time a written request to rescind Hi-Mill's State Permit for water discharges since our company will no longer discharge to groundwaters.

The progress report due August 15, 1979, is herewith attached.

Very truly yours,

HI-MILL MANUFACTURING COMPANY

Robert F. Beard
President

RFB:bec
Enclosure

cc: Mr. Roy Schrameck, DNR
Mr. K. Zollner, DNR
Mr. B. Zane, Atcon Corp.

HI-MILL MANUFACTURING COMPANY

August 14, 1979

PROGRESS REPORT

AUTOMATIC ETCHING MACHINE

1. Try out tests are continuing on the automatic etch machine. Some mechanical problems have surfaced and are being attended to at the present time. No serious problems have surfaced yet. Corrosion of metal parts is in evidence, replacement with plastic will be effected as required.

BRAZING ROOM RECYCLING SYSTEM

2. All pumps, filters and ion exchange tanks are set in place. System is running. Water analysis is being made of purified water supply to brazing machines, to check dissolved solids and pH to prevent staining of parts in final rinse. System is closed loop with no discharge. All spent water is returned to storage tank where filtration and ion exchange purify it.

ALUMINUM AND COPPER ETCHING ROOM

3. To make the ion exchange system more efficient with hand held etching of tubing, certain modifications to the area under the wooden floor are necessary, namely, a dividing wall must be built to separate the aluminum and copper overflow and spillage. Cross contamination between both lines causes serious staining of aluminum parts. A sump must be installed for the aluminum line to accommodate spillage when the operator moves baskets containing tubes from one tank to another.

4. The oil-water separator which will make the copper spinning machines "zero discharge" has been completed and is presently being lined with coal tar epoxy and will be painted. Installation should be completed within 30 days. The particulate filter has arrived at the plant and is awaiting installation.